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EXHIBIT

AUG 29 2017

8220K-972

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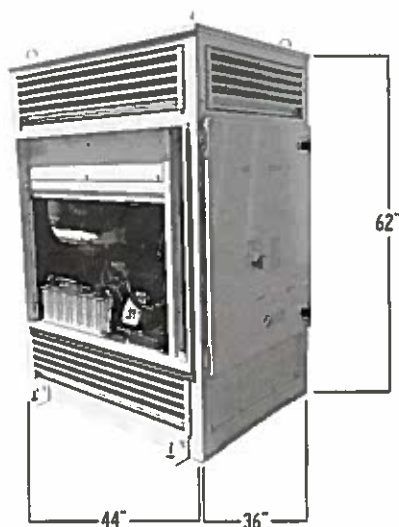
PLANNING BOARD
GRAFTON, MA

with vertical enclosure

The most efficient Power Solution for Telecom Backup using Propane or Natural Gas

The Polar solution was engineered to meet the unique power quality and monitoring requirements of the telecommunications industry. Our DC generator solutions have become the preferred choice for installations with small AC loads. Since 1994 Polar Power Inc. has been the leader in DC power and cooling solutions.

- Maximum output is 10 kW
- DC output (+24 or -48)
- Variable speed
- Generator service life 20+ years
- Very fuel efficient
- Operating range -40°C to +65°C
- Quiet
- Compact
- Lightweight



Description

Combining our lightweight 8220 alternator with the heavy duty Kubota 972 water cooled engine delivers a perfect DC power solution. It offers significant advantages over other manufacturers' DC generators and AC generators with battery chargers.

The Kubota 972 engine can provide between 30,000 to 40,000 hours of operational life depending on the quality of maintenance. The service life of the controller, wire harness, and alternator is well over 100,000 hours.

The enclosure is constructed with aluminum and stainless steel fasteners, then powder coated. We feature sound attenuation, with ratings at 61 dba.

Our exclusive Supra Digital Controller features fully automatic voltage and current sensing, protective engine shutdown, exercise schedule, remote monitoring, and control. Extensive alarm options are available.

The automatic voltage and current regulation optimally powers radio equipment and recharges batteries without overloading the generator or overcharging the battery.

Able to operate on very low natural gas line pressure without boosting pumps.

Very fuel efficient on LPG (propane). Small tanks provide long reserve.

It is compact facilitating installation, especially at sites with restrictive space and weight limitations.

A supercapacitor replaces the starting battery for high reliability.

ETL listed per UL 2200 by Intertek Testing Labs.

Visit our web site for prime power, lithium-ion batteries, and solar hybrid systems.